



Enter a Chemical Name, CAS Number, Molecular Formula or Weight.
Use * for partial names (e.g. ben*).
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Sodium Metabisulfite [7681-57-4]

Synonyms: Disodium disulfite; Disodium Salt Pyrosulfurous Acid; Disulfurous acid, disodium salt; Pyrosulfurous acid, disodium salt; Sodium Metabisulfite; Sodium disulfite; Sodium Pyrosulfite;

 <chem>Na+-O=S(=O)-S(=O)-O-Na+</chem>	Tools BUY AT CHEMACK.COM VIEW CHI DRAWN STRUCT VIEW CHEM3D MODEL CAS RN Lookup THE MERCK INDEX REI DATABASE	OpenChem VIEW LINKS ADD COMPOUND ADD/CHANGE PROPERTY ADD LINK
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Formula	$\text{Na}_2\text{O}_5\text{S}_2$	Molecular Weight	190.09654
CAS RN	7681-57-4	Melting Point (°C)	150
ACN Number	X1000123-9	Boiling Point (°C)	
Density	1.48	Vapor Density	
Refractive Index		Vapor Pressure	
Evaporation Rate		Water Solubility	Freely soluble
Flash Point (°C)		EP毒码	
DOT Number	NA 2693 ORM-B	RTECS	UX8225000
Comments	white crystals or powder with odor of sulfur dioxide. AIR/MOISTURE SENSITIVE.		

More information about the chemical is available in these categories:

Health	Misc	MSDS	Pesticides/Herbicides
Physical Properties	Regulations	Trading	

[Health \(1\)](#)

[Australian Atmospheric Exposure Standards](#)

Information about this particular compound

Misc (2)

Bostick & Sullivan Inc.Chemical managementInformation about this particular compound

MSDS (1)

New Jersey Right to Know Hazardous Substance Fact SheetsInformation about this particular compound

Pesticides/Herbicides (1)

USEPA / OPP's Chemical Ingredients DatabaseInformation about this particular compound

Physical Properties (2)

ABCR GmbH&Co KGSodium metabisulfite, 97%Indiana Relative Chemical Hazard Score (IRCHS)

Regulations (3)

California EPA List of ListsGuide to NIOSH/OSHA Air Sampling MethodsInformation about this particular compoundOSHA Chemical Sampling and MethodsInformation about this particular compound

Trading (1)

Available Chemicals ExchangeInformation about this particular compound

Enter a Chemical Name, CAS Number, Molecular Formula or Weight.

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L Number	Hits	Search Text	DB	Time stamp
4	15	plant with homogeni\$6 same ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 15:52
5	30	plant same homogeni\$6 same ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 15:49
6	15	(plant same homogeni\$6 same ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite)) not (plant with homogeni\$6 same ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 15:52
7	0	pogue-gregory.in. and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 15:53
8	2	pogue.in. and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 15:53
9	6	lindbo.in. and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 15:55
10	14	mcculloch.in. and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 16:00
11	179	lawrence.in. and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 16:01
12	0	lawrence-jonathan-e.in. and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 16:02

13	0	lawrence-j.in. and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 16:02
14	19	gross.in. and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 16:04
15	18	(gross.in. and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))) not (mcculloch.in. and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 16:03
16	0	gross-cynthia.in. and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 16:03
17	0	gross-c.in. and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 16:03
18	4	gross.in. and plant and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 16:04
19	12	garger.in. and plant and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 16:05
20	11	(garger.in. and plant and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))) not (gross.in. and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 16:05

L Number	Hits	Search Text	DB	Time stamp
6	0	plant same virus same butanol same chlorophorm same lyophilili\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/23 16:51
7	0	virus same butanol same chlorophorm same lyophilili\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/23 16:51
8	0	virus same butanol same chlorophorm	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/23 16:51
9	3	virus and butanol and chlorophorm	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/23 17:03
10	170	plant same virus same butanol same chloroform	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/23 17:04
11	11	plant same virus same butanol same chloroform	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/23 17:07
14	5	(plant same virus same butanol same chloroform) and lyophilili\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/23 17:09
15	51	plant same virus same lyophilili\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/23 17:13
16	17	virus same lyophilili\$6 same (mak\$3 or prepar\$3 or purif\$4).clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/23 17:13

FILE 'MEDLINE, EMBASE, BIOSIS' ENTERED AT 16:14:18 ON 15 JUN 2004

L1 0 S PLANT AND HOMOGENI? AND (SODIUM ADJ METABISULFITE)
L2 0 S PLANT AND HOMOGENI? AND (DISODIUM DISULFITE)
L3 0 S PLANT AND HOMOGENI? AND (DISODIUM SALT PYROSULFUROUS)
L4 0 S PLANT AND HOMOGENI? AND (DISULFUROUS ACID)
L5 0 S PLANT AND HOMOGENI? AND (DISODIUM SALT)
L6 0 S PLANT AND HOMOGENI? AND (PYRODISULFUROUS ACID)
L7 2636 S (DISODIUM DISULFITE) OR (SODIUM METABISULFITE) OR (DISODIUM S
L8 2748 S (PYROSULFUROUS ACID) OR (DISODIUM SALT) OR (SODIUM METABISULF
L9 2748 S L7 OR L8
L10 2931 S PLANT AND HOMOGENI?
L11 0 S L10 AND L7
L12 0 S L10 AND L8
 E GARGER S/AU
L13 44 S E3 OR E4 OR E5 OR E6 OR E7 OR E8 OR E9
L14 3 S L13 AND L10
L15 3 DUP REM L14 (0 DUPLICATES REMOVED)
 E POGUE G/AU
 E POGUE GREGORY/AU
L16 27 S E4
L17 0 S L16 AND L10
 E LINDBO J/AU
L18 29 S E4 OR E5
L19 0 S L18 AND L10
 E GROSS CYNTHIA/AU
L20 3 S E6